

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) An active matrix OLED flat-panel color display, comprising:

a) a plurality of light emitting elements for emitting light of different colors and a plurality of associated control circuits for individually controlling the plurality of light emitting elements;

b) a programmable power supply connected to the plurality of associated control circuits;

c) a separate sensor for sensing each color of light emitted by the display to produce a feedback signal for each color; and

d) a display controller responsive to the respective feedback signals for programming the programmable power supply to compensate for changes in the light output from the light emitting elements.

2. (cancelled)

3. (original) The display claimed in claim 1, further comprising separate programmable power supplies for each color in the flat-panel display.

4. (original) The display claimed in claim 1, wherein the programmable power supply is on a common substrate with the display.

5. (original) The display claimed in claim 1, wherein the programmable power supply is on a separate substrate from the display.

6. (original) The display claimed in claim 1, wherein the programmable power supply is in a common package with the display.

7. (original) The display claimed in claim 1, wherein the programmable power supply is in a separate package from the display.

8. (original) The display claimed in claim 1, wherein the programmable power supply is addressable as a storage element.

9. (currently amended) A method of controlling an active matrix OLED flat-panel color display having a plurality of differently colored light emitting elements and a plurality of associated control circuits for individually controlling the plurality of light emitting elements, comprising the steps of:

- a) providing a programmable power supply for each color connected to the plurality of associated control circuits;
- b) sensing the light output for each color of one or more light emitting elements to produce a feedback signal for each color; and
- c) programming the programmable power supply in response to the respective feedback signal to compensate for changes in the light output from the light emitting elements.

10. (cancelled)

11. (original) The method claimed in claim 9, wherein the display includes a controller having a lookup table for receiving device independent code values and producing device dependent code values and further comprising the step of calibrating the controller by changing the lookup table.

12. (original) The method claimed in claim 9, wherein the display is a color display that includes a controller having a lookup table for receiving device independent code values and producing device dependent code values and further comprising the step of calibrating the controller by changing the lookup table to correct for the color balance of the display.

13-16. (cancelled)